

CERALENE[®] 1X

Product description

Polyethylene wax

CAS-No.: 9002-88-4

CERALENE[®] 1X is a low density polyethylene wax with a typical mol mass distribution between 800 – 1500 MW.

Characteristic

Unit

Target value

Appearance	-	white prills
Density (23°C)	g/cm ³	0.92 – 0.94
Drop point	°C	102
Viscosity (120°C)	mPa*s	160
Penetration (25°C)	mm*10 ⁻¹	2 – 3
Acid value	mg KOH/g	< 0.5

Major fields of application

For different kinds of technical applications such as modification of paraffins and other polymers (e.g. rubber); preparation of water- and solvent based wax additives for applications in printing inks, OPV's, lacquers, leather finishes, floor polishes and adhesives. In several formulations suitable to substitute up to 50% of FT-waxes.

Packaging

PE-bags of 20 kg netto
Palett of 900 kg (45 bags)
Big bags of 1000 kg netto

Storage

The product has to be stored dry at room temperature.
Beware of sunlight and heat.
Stability at least 2 years from date of delivery.

Hazards

This product does not require labelling in terms of preparation guideline. Further security relevant data see safety data sheet.

Ecology/toxicology properties

Acute oral toxicity LD₅₀: > 2000 mg/kg (rat)
The product is water insoluble and shows no harmful effects on fish and bacteria.

Status under food legislation

The product fulfills legislations of various countries. More details on request.

All information given here are based on our own research or the research of others and believed to be accurate and shall give the user guidance for the application. Nevertheless these data are no specification and due to the versatile possible formulations, applications, processings and further parameters at the formulator/user the usage of this product has to be tested carefully in the particular system/application by the formulator/user. All information mentioned here are not warranted properties. There is no responsibility of the seller if the material is used outside the recommended field of use; any liability, also for any patent infringement, can not be derived from this.

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